



CITY OF LODI

COUNCIL COMMUNICATION

AGENDA TITLE: Specifications and Advertisement for Bids for Power Utility Duct and Fittings for the Electric Utility Department

MEETING DATE: April 17, 1996

SUBMITTED BY: Electric Utility Director

RECOMMENDED ACTION: That the City Council approve the specifications and authorize advertisement for bids for utility duct and fittings as listed below.

BACKGROUND INFORMATION: The Engineering Division of the Electric Utility Department has prepared work orders for installation of electrical service in several new residential subdivisions. The following items and quantities will be required for those work orders:

<u>Item</u>	<u>Required Amount</u>	<u>Purchase Amount</u>
2" duct	30,808 feet	33,600 feet
3" duct	9,825 feet	10,000 feet
6" duct	3,200 feet	3,640 feet
2" 90° elbow	257	300
3" 90° elbow	215	240

Some of the developments where these items will be installed are Thayer Ranch, River Pointe, Century Meadows 2, Unit 3, Century Meadows 3, Unit 4, and Towne Ranch. Quantities in excess of the amounts required for these work orders will be placed in inventory for routine maintenance or emergency repairs.

FUNDING: Electric Utility Department's Operating Fund
Estimated Cost: \$19,000

BID OPENING:

May 1, 1996

Alan N. Vallow, Electric Utility Director

Prepared by Joel Harris, Purchasing Officer

APPROVED: _____

H. DIXON FLYNN
City Manager

EQUIPMENT SPECIFICATION

POWER & COMMUNICATION DUCT

General:

This specification is for power and communication duct for use in the City of Lodi's 12.0-kv underground distribution system.

Specific Specifications:

Polyvinyl chloride (PVC), direct-buried duct, DB-60 and DB-120.

Lengths, overall, including integral coupling: 20 ft. + 1 - 0 inch.

Standards:

The duct shall meet the requirements of the latest editions of applicable NEMA TC-6, NEMA TC-8 and ASTM F512.

Shipping:

As required.

Markings:

All required markings shall be legible and so applied as to remain legible under normal handling and installation practices.

Duct shall be marked with the following:

1. Manufacturer's name or trademark.
2. Nominal size.
3. Material: (PVC)
4. NEMA (TC-6 or TC-8)
5. Type: DB-60 or DB-120
6. Any additional marking deemed necessary by the manufacturer.



CITY OF LODI
ELECTRIC UTILITY DEPARTMENT

ENGINEERING STANDARD

POWER AND COMMUNICATION DUCT

10/19/87		<i>MBM</i>			SHEET 1 OF 1	
DATE	DRAWN	CHECKED	STD. COMM. CHAIRMAN	APPROVAL	REVISION	